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JUN 30 2005

Applicant: M. Blaum et al. Examiner: Natalia Figueroa  
 Serial No.: 10/037,753 Group Art Unit: 2651  
 Filed: January 2, 2002 Docket No.: TUC920010037US1  
 TITLE: METHOD AND APPARATUS FOR ENCODING DATA TO GUARANTEE  
 ISOLATED TRANSITIONS IN A MAGNETIC RECORDING SYSTEM

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being transmitted by facsimile to Natalia Figueroa of the U.S. Patent and Trademark Office at 703-672-9306 on June 29, 2005.

David W. Victor

RESPONSE TO FINAL OFFICE ACTION

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

07/18/2005  
 ENCL  
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Dear Sir:

This amendment is submitted in response to the final office action dated March 30, 2005 ("Final Office Action") in which the Examiner allowed claims 2, 23, 26, 36, 57, and 59, objected to claims 9-22, 31-33, and 43-56 and rejected claims 1, 3-8, 24, 25, 27-30, 34, 35, 37-42, and 58. On June 2<sup>nd</sup>, the attorney for applicants and the Examiner held a phone interview discussing the claims, which is described in the Interview Summary submitted by the Examiner on June 7<sup>th</sup>. During the Interview, the Examiner indicated that she would allow an amendment to the independent claims 1, 25, and 35 that she thought would likely distinguish over the cited art and place the case in condition for allowance. Applicants submit herein the discussed amendment and traverse the prior art rejection with respect to the amended claims. Applicants submit that all pending claims are patentable over the cited art for the reasons discussed herein.

Amendments to the Claims are reflected in the listing of claims which begins on page 2. Remarks/Arguments begin on page 11.